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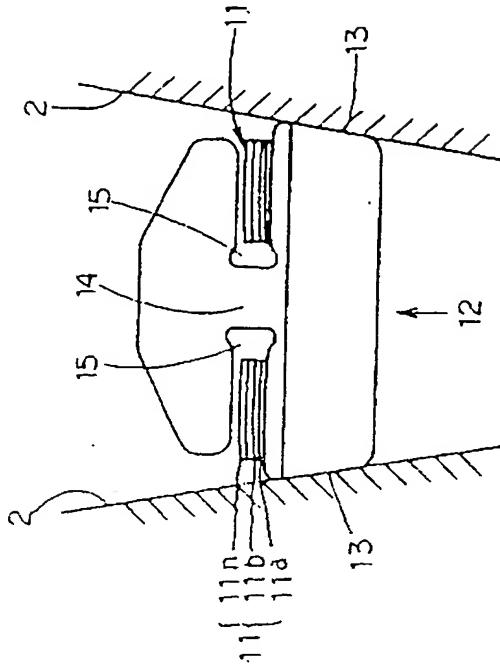
APPLICATION DATE : 04-07-84
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APPLICANT : TOYOTA MOTOR CORP;

INVENTOR : TATARA TAKEHIRO;

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TITLE : ENDLESS BELT FOR POWER
TRANSMISSION



ABSTRACT : PURPOSE: To improve the durability of an endless carrier by forming a plurality of hoops of thin steel having the longitudinal elastic modulus of outer layer side higher than that of inner one to eliminate excessively high contact surface pressure between the respective layers of the hoops.

CONSTITUTION: An endless carrier 11 is formed of a plurality of hoops 11a-11n laminated and formed in the form of annular strip. The quality of the inner layer side hoop of malaging steel forming hoops 11a-11n is different from that of the outer side one and the longitudinal elastic modulus of the outer side is higher than that of the inner one. By this constitution, is equalized tension shared by the hoops 11a-11n, and the contact surface pressure between the repetitive layers of hoop are approximately equalized to improve the durability of the endless carrier 11.

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